

Title (en)

High-purity crystalline inorganic fiber, molded body thereof, and method of production thereof

Title (de)

Hochreine anorganische Faser, daraus hergestellte Formkörper und Verfahren zu deren Herstellung

Title (fr)

Fibre inorganique à haute pureté, corps moulé à partir de celle-ci et son procédé de fabrication

Publication

EP 1031649 A1 20000830 (EN)

Application

EP 00103569 A 20000219

Priority

- JP 4515799 A 19990223
- JP 2000004635 A 20000113

Abstract (en)

A crystalline inorganic fiber or molded body thereof is thermally treated in gas atmosphere containing chlorine. The crystalline inorganic fiber or molded body thereof contains small impurities such as Fe, Cu and Ni. For example, Fe is 15 ppm or less, Cu is 1 ppm or less, and Ni is 0.5 ppm or less.

IPC 1-7

D01F 9/08

IPC 8 full level

C04B 35/64 (2006.01); **D01F 9/08** (2006.01)

CPC (source: EP US)

D01F 9/08 (2013.01 - EP US)

Citation (search report)

- [A] US 3704113 A 19721128 - HILDRETH CLARENCE L
- [DX] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05 30 April 1998 (1998-04-30)
- [DA] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 05 31 May 1999 (1999-05-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10 31 August 1998 (1998-08-31)
- [PA] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 14 22 December 1999 (1999-12-22)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1031649 A1 20000830; **EP 1031649 B1 20050427**; DE 60019663 D1 20050602; DE 60019663 T2 20060302; JP 2000314034 A 20001114; JP 3723396 B2 20051207; US 6348428 B1 20020219

DOCDB simple family (application)

EP 00103569 A 20000219; DE 60019663 T 20000219; JP 2000004635 A 20000113; US 50045200 A 20000209